Pilot Grant Awardees – Fall 2009

James Amatruda, MD, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Pediatrics
“Identification of a Molecular Signature of Disease Progression in Pediatric Germ Cell Tumors”
$50,000 (Children’s Medical Center Foundation)

Robert Barber, PhD
The University of Texas Southwestern Medical Center at Dallas
Associate Professor, Surgery
“The Impact of Enteric and Cryptic Bacteria on Risk for Infectious Complications after Burn Injury”
$29,500

Robert Brothers, PhD
The University of Texas Southwestern Medical Center at Dallas
Postdoctoral Fellow, Internal Medicine
“Mechanisms of Altered Blood Pressure Control in Type II Diabetics During Normothermic and Heat Stress Conditions”
$25,099

Graeme Carrick-Ranson, PhD
The University of Texas Southwestern Medical Center at Dallas
Postdoctoral Fellow, Internal Medicine
“The Effect of Type II Diabetes on Left Ventricular Diastolic Function and Stroke Volume Regulation During Exercise in Young Adults”
$17,680

Lina Chalak, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Pediatrics
“Optimizing Hypothermia Therapy: A Pilot Study for Evaluation of the Rewarming Phase in Newborns with Hypoxic-Ischemic Encephalopathy (HIE)”
$39,970

Jonathan Cheng, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Plastic Surgery
“Engineering a Progenitor Seeded Nerve Graft”
$51,000

Amanda Evans, MD
The University of Texas Southwestern Medical Center at Dallas
Fellow, Pediatrics
“Effect of Respiratory Syncytial Virus Infection of Human Lung Epithelial Cells on Moraxella Catarrhalis”
$24,000 (Children’s Medical Center Foundation)
Ellen Grishman, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Pediatrics
“Characterization of the TLR/IL1 Beta Signaling Pathway in Type 1 Diabetes”
$41,730 (Children’s Medical Center Foundation)

Guiyang Hao, PhD
The University of Texas Southwestern Medical Center at Dallas
Postdoctoral Researcher, Radiology
“Dual Molecule Presentation on a Multifunctional Scaffold for Specific Prostate Cancer Imaging”
$30,436

Michele Hutchison, MD, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Pediatrics
“Novel Markers for Growth Hormone and IGF-1 Activity in Children Treated for Short Stature”
$7,400 (Children’s Medical Center Foundation)

Vishal Kapadia, MD
The University of Texas Southwestern Medical Center at Dallas
Postdoctoral Fellow, Pediatrics
“Randomized Trial of a Limited versus Traditional Oxygen Strategy During Resuscitation to Prevent Oxidative Stress in Premature Newborns”
$18,745 (Children’s Medical Center Foundation)

Joshua Koch, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Pediatrics
“Prospective Analysis of Regional Cerebral Perfusion Using Head Ultrasound and Multi-Source-Detector Near Infrared Spectroscopy (NIRS) Imaging”
$32,907 (Children’s Medical Center Foundation)

Cheryl Lewis, PhD
The University of Texas Southwestern Medical Center at Dallas
Instructor, Surgery
“Prognostic Markers of Ductal Carcinoma in Situ Progression in the Tumor and the Microenvironment”
$30,970

Ildiko Lingvay, MD, MPH, MSCS
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Internal Medicine
“Unraveling the Mechanisms of Rapid Improvement in Diabetes Following Gastric Bypass Surgery”
$94,500

Hanzhang Lu, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Advanced Imaging Research Center
“Imaging Brain Amyloid Load and Vascular Function in Alzheimer’s Disease”
$30,000

V. Vinod Mootha, MD
The University of Texas Southwestern Medical Center at Dallas
Associate Professor, Ophthalmology
“Establishing the Genetic Basis of Fuchs’ Endothelial Corneal Dystrophy”
$47,173

Nikhil Munshi, PhD
The University of Texas Southwestern Medical Center at Dallas
Postdoctoral Trainee, Internal Medicine
“Rare GATA4 Alleles Associated with PR Interval Variability in the Dallas Heart Study”
$30,000

Rebecca Rojas, MD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Internal Medicine
“Post-Transplantation Phosphaturia: Duration and Pathogenesis”
$24,188

Noah Sasson, PhD
UTD, School of Behavioral and Brain Sciences
Assistant Professor, Psychological Sciences
“Circumscribed Attention and Social Salience in Young Children with Autism Spectrum Disorders”
$23,515

Kerem Shuval, PhD, MPH
UT School of Public Health, Dallas Regional Campus
Assistant Professor
“Reliability, Validity and Utility of a Sedentary Assessment Tool for the Prevention of Chronic Disease Among a Multi-Ethnic Population in a Primary Care Setting: The RADI (Rapid Assessment Disuse Index) Pilot Study”
$55,494

Megan Wachsman, BS
The University of Texas Southwestern Medical Center at Dallas
Master’s Program Fellow, Cancer Immunobiology Center
“Dual Targeting of Angiogenesis and Tumor Cells in a Xenograft Model of Human Pancreatic Cancer”
$40,000

Guanghua Xiao, PhD
The University of Texas Southwestern Medical Center at Dallas
Assistant Professor, Clinical Sciences
“Systematic Approaches for Molecular Profiling Data in Alzheimer's Disease”
$27,510